

CHEMICAL PHYSICS LETTERS

www.elsevier.com/locate/cplett

Chemical Physics Letters 362 (2002) 574-583

## Author Index to Volume 362

Abe, Y., see Yanagita, H.	362 (2002) 79
Abe, R., K. Sayama and H. Arakawa, Efficient hydrogen evolution from aqueous	
mixture of I and acetonitrile using a merocyanine dye-sensitized Pt/TiO <sub>2</sub>	
photocatalyst under visible light irradiation	362 (2002) 441
Adamo, C., see Toulouse, J.	362 (2002) 72
Ahlrichs, R., see Deglmann, P.	362 (2002) 511
Alexandre, M., see Schanne-Klein, M.C.	362 (2002) 103
Allen, L.C., see Meek, T.L.	362 (2002) 362
Álvaro, M., B. Ferrer, H. García and M. Narayana, Screening of an ionic liquid as	,
medium for photochemical reactions	362 (2002) 435
Anémian, R., see Martineau, C.	362 (2002) 291
Anan'ev, V., L. Kriger and M. Poroshina, Peroxynitrite formation by 60Co gamma-ray	
irradiation of alkali nitrate crystals	362 (2002) 554
Andraud, C., see Schanne-Klein, M.C.	362 (2002) 103
Andraud, C., see Martineau, C.	362 (2002) 291
Andres, HP., see Dobe, C.	362 (2002) 387
Angres, B., see Blum, C.	362 (2002) 355
Arai, T., see Murakami, M.	362 (2002) 123
Arakawa, H., see Abe, R.	362 (2002) 441
Arnóbio, A., see Parnaíba-daSilva, A.J.	362 (2002) 159
Avramov, P.V., see Varganov, S.A.	362 (2002) 380
Awaga, K., see Fujita, W.	362 (2002) 97
Bakker, H.J., see Kropman, M.F.	362 (2002) 349
Balasubramanian, S., see Khandkar, M.D.	362 (2002) 144
Baldeck, P.L., see Martineau, C.	362 (2002) 291
Bando, Y., see Tang, C.	362 (2002) 185
Bando, Y., see Golberg, D.	362 (2002) 353
Bartkowiak, W., R. Zaleśny, M. Kowal and J. Leszczynski, The influence of the solute/	
solvent interactions on the first-order hyperpolarizability in urea molecule. A	
quantum chemical study	362 (2002) 224
BelBruno, J.J., see Burnin, A.	362 (2002) 341
Bernardi, F., A. Bottoni, M. De Vivo, M. Garavelli, G. Keserü and G. Náray-Szabó, A	
hypothetical mechanism for HIV-1 integrase catalytic action: DFT modelling of a	
bio-mimetic environment	362 (2002) 1
Blum, C., V. Subramaniam, F. Schleifenbaum, F. Stracke, B. Angres, A. Terskikh and	,
A.J. Meixner, Single molecule fluorescence spectroscopy of mutants of the	
Discosoma red fluorescent protein DsRed	362 (2002) 355

Bokes, P., I. Šti	ch and L. Mitas, Ground-state reconstruction of the Si(001) surface:		
	rsus buckled dimers	362 (2002)	559
Bonacina, L., se		362 (2002)	
Boothe, P., see		362 (2002)	
Bosi, L., F. Leo	nardo Bosi, C. Sanipoli and M. Zelada, The RbBr:Cu <sup>+</sup> fluorescence		
revisited		362 (2002)	403
Bottoni, A., see	Bernardi, F.	362 (2002)	1
Bouanz, M., see	Toumi, A.	362 (2002)	567
Boulesteix, T., se	ee Schanne-Klein, M.C.	362 (2002)	103
Bouriau, M., see	Martineau, C.	362 (2002)	291
Bozzelli, J.W., so		362 (2002)	445
Braun, C.L., see		362 (2002)	
Burnin, A. and .	J.J. BelBruno, $Zn_nS_m^+$ cluster production by laser ablation	362 (2002)	341
Cai. SH., Z. C	then, ZW. Chen and HL. Wan, <sup>19</sup> F NMR chemical shielding for		
	es MF <sub>2</sub> (M=Zn, Cd, Pb), MF <sub>3</sub> (M=Al, Ga, In) and SnF <sub>4</sub>	362 (2002)	13
Cannistraro, S.,		362 (2002)	
Cao, A., see Zha		362 (2002)	
Cerullo, G., see		362 (2002)	
Chan, W.K., see	Lam, L.S.M.	362 (2002)	130
	and T. Uchimaru, The C-H bond dissociation enthalpies of haloethers ation with the activation energies for hydrogen abstraction by OH		
radical: A DF	T study	362 (2002)	354
Chastaing, D., so	ee Underwood, J.	362 (2002)	483
Chatterjee, A., Y	. Onodera, T. Ebina and T. Iwasaki, Topotactic valence manipulation		
to design stro	ntium manganate: a first principle study	362 (2002)	151
Chen, ZW., see	Cai, SH.	362 (2002)	13
Chen, Z., see Ca	i, SH.	362 (2002)	13
Chergui, M., see	Vigliotti, F.	362 (2002)	31
	a Bizzarri, S. Cannistraro, G. Cerullo and S. De Silvestri, Vibrational		
	Azurin with impulsive excitation of the LMCT absorption band	362 (2002) 4	497
	d R. Pandey, A theoretical study of structural, vibrational, and		
_	perties of neutral, positive, and negative indium arsenide clusters,		
$In_n As_n \ (n=1)$	, 2, 3)	362 (2002) 2	210
da Gama, S., see	Parnaíba-daSilva, A.J.	362 (2002) 1	159
da Silva, J.B.P.,	see Parnaíba-daSilva, A.J.	362 (2002) 1	159
Dai, Zw., see L	iu, Jy.	362 (2002)	39
De Feyter, S., se	e Jäckel, F.	362 (2002) 5	534
De Schryver, F.C	C., see Jäckel, F.	362 (2002) 5	534
De Silvestri, S., s	ee Cimei, T.	362 (2002) 4	197
De Vivo, M., see	Bernardi, F.	362 (2002)	1
Deglmann, P., F	F. Furche and R. Ahlrichs, An efficient implementation of second		
	vatives for density functional methods	362 (2002) 5	511
Ding, J., see Zho		362 (2002) 1	
Djurišić, A.B., se	e Lam, L.S.M.	362 (2002) 1	30

Dobe, C., HP. Andres, P.L.W. Tregenna-Piggott, S. Mossin, H. Weihe and S. Janssen,	
Variable temperature inelastic neutron scattering study of chromium(II) Tutton salt:	
manifestation of the ${}^5E \otimes e$ Jahn–Teller effect	362 (2002) 387
Domen, K., see Kubota, J.	362 (2002) 476
Dong, ZC., see Golberg, D.	362 (2002) 353
Dorozhkin, P., see Golberg, D.	362 (2002) 353
Drocco, J.A., see Ricca, A.	362 (2002) 217
	362 (2002) 414
Du, Z., see Khettar, A.	362 (2002) 414
Dunne, L.J., see Khettar, A.  Druhe, S.A. A. Kawamari, N. Katsuta, H. Hara, H. Mina and S. Itah, Spin relayation	302 (2002) 414
Dzuba, S.A., A. Kawamori, N. Katsuta, H. Hara, H. Mino and S. Itoh, Spin relaxation	362 (2002) 307
of a spin-correlated radical pair $P_{700}^+A_1^-$ in the PSI photosynthetic reaction center	302 (2002) 307
Ebina, T., see Chatterjee, A.	362 (2002) 151
Ego, C., see Jäckel, F.	362 (2002) 534
	(,,
Feng, JK., see Zhou, X.	362 (2002) 541
Ferrer, B., see Álvaro, M.	362 (2002) 435
Findley, B.R., see Zhou, J.	362 (2002) 63
Flood, T.C., see Underwood, J.	362 (2002) 483
Francis, T.M., see Zhou, J.	362 (2002) 63
Fujita, W., K. Awaga, M. Takahashi, M. Takeda and T. Yamazaki, Spontaneous	202 (2002) 02
magnetization below 44 K in (benzo[1,2-d:4,5-d']bis[1,3,2]dithiazole) FeCl <sub>4</sub> driven	
by evaporation of crystal solvent	362 (2002) 97
Furche, F., see Deglmann, P.	362 (2002) 511
Turche, T., see Degimann, T.	302 (2002) 311
Garavelli, M., see Bernardi, F.	362 (2002) 1
García, H., see Álvaro, M.	362 (2002) 435
Garrone, E., see Otero Areán, C.	362 (2002) 109
Gawroński, J., see Sterzel, M.	362 (2002) 243
George, J. and G. Varghese, Formation of periodic precipitation patterns: a moving	(2002) 200
boundary problem	362 (2002) 8
Ger, MD., see Liu, YC.	362 (2002) 491
Gharbi, A., see Toumi, A.	362 (2002) 567
Golberg, D., P. Dorozhkin, Y. Bando, M. Hasegawa and ZC. Dong, 'Semiconducting	
B-C-N nanotubes with few layers [Chemical Physics Letters 359 (2002) 220-228]'	362 (2002) 353
Gordon, M.S., see Varganov, S.A.	362 (2002) 380
Gorenstein, D.G., see Zhang, S.	362 (2002) 278
Govindaraj, A., see Satishkumar, B.C.	362 (2002) 301
Grimsdale, A., see Jäckel, F.	362 (2002) 534
Gross, R.L., X. Liu and A.G. Suits, The ultraviolet photodissociation of 2- chlorobutane: an imaging study comparing state-resolved and universal probe	
techniques	362 (2002) 229
Guo, Y., J. Wu and Y. Zhang, Manipulation of single-wall carbon nanotubes into	()
aligned molecular layers	362 (2002) 314
Guzow, K., M. Szabelski, A. Rzeska, J. Karolczak, H. Sulowska and W. Wiczk,	(2002) 011
Photophysical properties of tyrosine at low pH range	362 (2002) 519
, , , , , , , , , , , , , , , , , , ,	(====)

Hache, F., see Schanne-Klein, M.C.	362 (2002) 103
Hall, R.W., Kink-based path integral calculations of atoms He–Ne	362 (2002) 549
Hara, H., see Dzuba, S.A.	362 (2002) 307
Harada, T., H. Yoshida, K. Ohno and H. Matsuura, Conformational stabilities of 1-	202 (2002) 201
methoxy-2-(methylthio)ethane and relevant intramolecular CH···O interaction	
studied by matrix-isolation infrared spectroscopy and density functional calcula-	
tions	362 (2002) 453
Hasegawa, M., see Golberg, D.	362 (2002) 353
Hashimoto, K., see Naraoka, R.	362 (2002) 26
Hatori, H., see Lee, YJ.	362 (2002) 326
Heßelmann, A. and G. Jansen, Intermolecular induction and exchange-induction	302 (2002) 320
energies from coupled-perturbed Kohn-Sham density functional theory	362 (2002) 319
Herbert Li, E., see Lam, L.S.M.	362 (2002) 130
Hofkens, J., see Jäckel, F.	362 (2002) 534
Homae, T., see Niwase, K.	362 (2002) 47
Hou, Z., see Wang, Z.	362 (2002) 51
Huang, Xr., see Liu, Jy.	362 (2002) 39
Huang, YH., S. Wang, F. Luo, S. Jiang and CH. Yan, Enhanced magnetoresistance	302 (2002) 37
at high temperatures in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /silica nanocomposites	362 (2002) 114
at high temperatures in La <sub>0.7</sub> Sr <sub>0.3</sub> WinO <sub>3</sub> /sinca hanocomposites	302 (2002) 114
Ikezawa, H., see Naraoka, R.	362 (2002) 26
Itoh, S., see Dzuba, S.A.	362 (2002) 307
Itoh, S., see Tanaka, S.	362 (2002) 467
Iung, C., see Ribeiro, F.	362 (2002) 199
Iwasaki, T., see Chatterjee, A.	362 (2002) 151
Jäckel, F., S. De Feyter, J. Hofkens, F. Köhn, F.C. De Schryver, C. Ego, A. Grimsdale	
and K. Müllen, Conformational characterization from modulated single molecule	
fluorescence intensity traces	362 (2002) 534
Jalili, S.E., see Khettar, A.	362 (2002) 414
Jansen, G., see Heßelmann, A.	362 (2002) 319
Janssen, S., see Dobe, C.	362 (2002) 387
Jiang, S., see Huang, YH.	362 (2002) 114
Johnson, M.A., see Kelley, J.A.	362 (2002) 255
Jules, J., see Zhao, B.	362 (2002) 90
Kaise, G., see Naraoka, R.	362 (2002) 26
Kajikawa, K., see Naraoka, R.	362 (2002) 26
Kano, S.S., see Kubota, J.	362 (2002) 476
Karantonis, A., see Miyakita, Y.	362 (2002) 461
Karolczak, J., see Guzow, K.	362 (2002) 519
Katsuta, N., see Dzuba, S.A.	362 (2002) 307
Kawai, A., S. Noguchi and K. Obi, Competition between exciplex formation and	(2002) 501
hydrogen abstraction reaction in benzophenone/1,4-cyclohexadiene binary clusters	362 (2002) 397
Kawamori, A., see Dzuba, S.A.	362 (2002) 307
Kelley, J.A., W.H. Robertson and M.A. Johnson, Observation of sharp vibronic bands in	202 (2002) 301
the $O_4^-$ 'core ion' by mid infrared predissociation spectroscopy of $O_4^-$ · Ar <sub>n</sub> clusters	362 (2002) 255
Keserü, G., see Bernardi, F.	362 (2002) 1
INVINITE THE PART OF THE PART	over (mover) 1

Khandkar, M.D. and S. Balasubramanian, Argon multilayers on a corrugated surface:	
effect of coverage on structure	362 (2002) 144
Khettar, A., S.E. Jalili, L.J. Dunne, G. Manos and Z. Du, Monte-Carlo simulation and	
mean-field theory interpretation of adsorption preference reversal in isotherms of	
alkane binary mixtures in zeolites at elevated pressures	362 (2002) 414
Kim, Y. and Y. Kim, Multi-coefficient correlated quantum mechanical studies for	
hydrated proton clusters	362 (2002) 419
Kobayashi, K. and S. Nagase, A stable unconventional structure of Sc <sub>2</sub> @C <sub>66</sub> found by	
density functional calculations	362 (2002) 373
Koda, S., see Sugiyama, M.	362 (2002) 56
Köhn, F., see Jäckel, F.	362 (2002) 534
Kondo, K., see Niwase, K.	362 (2002) 47
Kowal, M., see Bartkowiak, W.	362 (2002) 224
Kratzer, C., see Yersin, H.	362 (2002) 365
Kriger, L., see Anan'ev, V.	362 (2002) 554
Kropman, M.F. and H.J. Bakker, Comment on: Water in the vicinity of solvated ions:	
modified dynamical and structural water properties resolved by sub-picosecond IR-	262 (2002) 240
spectroscopy by R. Laenen and A. Thaller	362 (2002) 349
Kubota, J., A. Wada, K. Domen and S.S. Kano, Transient responses of SFG spectra of	262 (2002) 476
D <sub>2</sub> O ice/CO/Pt(111) interface with irradiation of ultra-short NIR pump pulses	362 (2002) 476
Kulkarni, G.U., see Vijayalakshmi, S.	362 (2002) 261
Kurita, N., see Tanaka, S.	362 (2002) 467
Lam, L.S.M., W.K. Chan, A.B. Djurišić and E. Herbert Li, Study of charge generation	
process in some photosensitizing rhenium diimine complexes	362 (2002) 130
Lee, S., see Underwood, J.	362 (2002) 483
Lee, YJ. and H. Hatori, Effects of heat treatment and B doping in cellulose-derived	
carbon	362 (2002) 326
Lee, YP., see Matsuda, Y.	362 (2002) 235
Leforestier, C., see Ribeiro, F.	362 (2002) 199
Lemercier, G., see Schanne-Klein, M.C.	362 (2002) 103
Leonardo Bosi, F., see Bosi, L.	362 (2002) 403
Leszczynski, J., see Bartkowiak, W.	362 (2002) 224
Li, Zs., see Liu, Jy.	362 (2002) 39
Li, Y., see Zhang, X.	362 (2002) 285
Liao, J., see Liu, B.	362 (2002) 296
Lin, J., see Zhong, Z.	362 (2002) 135
Lin, M., see Yang, X.	362 (2002) 190
Lin, J.L., see Yang, S.C.	362 (2002) 19
Liu, Y., see Wang, W.	362 (2002) 119
Liu, X., see Gross, R.L.	362 (2002) 229
Liu, XJ., see Zhou, X.	362 (2002) 541
Liu, Y., see Zhan, X.	362 (2002) 165
Liu, B., C. Shi, Y. Wei and J. Liao, The traps effect on temperature dependence of	
luminescence from PbWO <sub>4</sub> crystals	362 (2002) 296
Liu, YC. and MD. Ger, Modification of electropolymerized polypyrrole with Na <sup>+</sup> -	
montmorillonite	362 (2002) 491

Liu, Jy., Zs. Li, Zw. Dai, Xr. Huang and Cc. Sun, Density functional theory	
direct dynamics study on the hydrogen abstraction reaction of CF <sub>3</sub> CHFCF <sub>3</sub> +	262 (2002) 20
$OH \rightarrow CF_3CFCF_3 + H_2O$ Liu B see Zhang Z	362 (2002) 39 362 (2002) 135
Liu, B., see Zhong, Z.	362 (2002) 135
Liu, X., see Zhan, X.	362 (2002) 165
Lombardi, J.R., see Zhao, B.	362 (2002) 90 362 (2002) 90
Lu, H., see Zhao, B.	362 (2002) 90 362 (2002) 114
Luo, F., see Huang, YH.	362 (2002) 114
Maeda, K., see Murakami, M.	362 (2002) 123
Mančal, T. and V. May, Optimal control theory of ultrafast molecular dynamics: are	
the results of interest for the experiment?	362 (2002) 407
Manoilova, O.V., see Otero Areán, C.	362 (2002) 109
Manos, G., see Khettar, A.	362 (2002) 414
Martineau, C., R. Anémian, C. Andraud, I. Wang, M. Bouriau and P.L. Baldeck,	
Efficient initiators for two-photon induced polymerization in the visible range	362 (2002) 291
Matsuda, Y. and YP. Lee, Two-color resonant four-wave mixing spectroscopy of the	
$X^{1}A_{1}(500)$ state of $SO_{2}$ in a supersonic jet	362 (2002) 235
Matsuura, H., see Harada, T.	362 (2002) 453
May, V., see Mančal, T.	362 (2002) 407
Meek, T.L. and L.C. Allen, Configuration irregularities: deviations from the Madelung	
rule and inversion of orbital energy levels	362 (2002) 362
Meixner, A.J., see Blum, C.	362 (2002) 355
Merlitz, H. and W. Wenzel, Comparison of stochastic optimization methods for	
receptor-ligand docking	362 (2002) 271
Milman, V., see Winkler, B.	362 (2002) 266
Mino, H., see Dzuba, S.A.	362 (2002) 307
Mitas, L., see Bokes, P.	362 (2002) 559
Miyakita, Y., A. Karantonis and S. Nakabayashi, Response of relaxation oscillatory	
electrochemical networks to external input	362 (2002) 461
Morgan Jr., G.A., see Zubkov, T.	362 (2002) 181
Morita, A., see Sugiyama, M.	362 (2002) 56
Morrison, C.A., see Wilson, C.C.	362 (2002) 85
Mossin, S., see Dobe, C.	362 (2002) 387
Müllen, K., see Jäckel, F.	362 (2002) 534
Murakami, M., K. Maeda and T. Arai, Structure and kinetics of the intermediate biradicals generated from intramolecular electron transfer reaction of FAD studied	
by an action spectrum of the magnetic field effect	362 (2002) 123
Nagase, S., see Kobayashi, K.	362 (2002) 373
Nakabayashi, S., see Miyakita, Y.	362 (2002) 461
Nakabayashi, S., see Yanagita, H.	362 (2002) 79
Nakamura, K.G., see Niwase, K.	362 (2002) 47
Naraoka, R., G. Kaise, K. Kajikawa, H. Okawa, H. Ikezawa and K. Hashimoto,	(
Nonlinear optical property of hemicyanine self-assembled monolayers on gold and its adsorption kinetics probed by optical second-harmonic generation and surface	
plasmon resonance spectroscopy	362 (2002) 26
Náray-Szabó, G., see Bernardi, F.	362 (2002) 1
- may may be in our manners, a '	(====)

Narayana, M., see Álvaro, M.	362 (2002) 435
Neese, F. and G. Olbrich, Efficient use of the resolution of the identity approximation	242 (2002) 170
in time-dependent density functional calculations with hybrid density functionals	362 (2002) 170
Niwase, K., T. Homae, K.G. Nakamura and K. Kondo, Generation of giant carbon	
hollow spheres from C <sub>60</sub> fullerene by shock-compression	362 (2002) 47
Noguchi, S., see Kawai, A.	362 (2002) 397
Nytko, E.A., see Zhou, J.	362 (2002) 63
Obi, K., see Kawai, A.	362 (2002) 397
Ohno, K., see Harada, T.	362 (2002) 453
Okawa, H., see Naraoka, R.	362 (2002) 26
Olbrich, G., see Neese, F.	362 (2002) 170
Onodera, Y., see Chatterjee, A.	362 (2002) 151
Otero Areán, C., M. Rodríguez Delgado, O.V. Manoilova, G. Turnes Palomino, A.A.	202 (2002) 121
Tsyganenko and E. Garrone, Linkage isomerism of carbonyl coordination	
complexes formed upon CO adsorption on the zeolite Li-ZSM-5: variable-	
temperature FTIR studies	362 (2002) 109
Ovchinnikov, S.G., see Varganov, S.A.	362 (2002) 380
Overminikov, B.G., see varganov, B.Z.	302 (2002) 300
Pandey, R., see Costales, A.	362 (2002) 210
Parnaíba-daSilva, A.J., J.B.P. da Silva, A. Arnóbio, S. da Gama and M.N. Ramos,	
Green's function matrix elements and charge transfer on the C <sub>n</sub> NH and	
$C_nNH^mNC_nH$ (n = 1 and 3) hydrogen bonded complexes	362 (2002) 159
Pawlikowski, M.T., see Sterzel, M.	362 (2002) 243
Phillips, D.L., see Wang, D.	362 (2002) 205
Pickard, C., see Winkler, B.	362 (2002) 266
Pilch, M., see Sterzel, M.	362 (2002) 243
Pina, F., Erratum to: Switching from intramolecular energy transfer to intramolecular	
electron transfer by the action of pH and Zn <sup>2+</sup> co-ordination [Chem. Phys. Lett. 353	
(2002) 63–68]	362 (2002) 179
Poroshina, M., see Anan'ev, V.	362 (2002) 554
Ramos, M.N., see Parnaíba-daSilva, A.J.	362 (2002) 159
Rao, C.N.R., see Satishkumar, B.C.	362 (2002) 301
Raychaudhuri, A.K., see Satishkumar, B.C.	362 (2002) 301
Ren, AM., see Zhou, X.	362 (2002) 541
Ribeiro, F., C. Iung and C. Leforestier, Calculation of highly excited vibrational levels:	
a prediagonalized Davidson scheme	362 (2002) 199
Ricca, A. and J.A. Drocco, Interaction of O <sub>2</sub> with a (9,0) carbon nanotube	362 (2002) 217
Rita Bizzarri, A., see Cimei, T.	362 (2002) 497
Robertson, W.H., see Kelley, J.A.	362 (2002) 255
Rodríguez Delgado, M., see Otero Areán, C.	362 (2002) 109
Rojas-Lorenzo, G., see Vigliotti, F.	362 (2002) 31
Roy, A.K. and A.J. Thakkar, MacLaurin expansions of electron momentum densities	, , , , ,
for 78 diatomic molecules: a numerical Hartree-Fock study	362 (2002) 428
Rubayo-Soneira, J., see Vigliotti, F.	362 (2002) 31
Rzeska, A., see Guzow, K.	362 (2002) 519
	,

Saalwächter, K., Methyl groups as local probes for polymer dynamics as investigated	
by <sup>1</sup> H double-quantum magic-angle spinning NMR spectroscopy	362 (2002) 331
Sanipoli, C., see Bosi, L.	362 (2002) 403
Satishkumar, B.C., A. Govindaraj, P.V. Vanitha, A.K. Raychaudhuri and C.N.R.	302 (2002) 403
Rao, Barkhausen jumps and related magnetic properties of iron nanowires	
encapsulated in aligned carbon nanotube bundles	362 (2002) 301
Sato, T., see Tang, C.	,
	362 (2002) 185
Sawicka, A., P. Skurski and J. Simons, An excess electron binding to the 'purple'	262 (2002) 527
zwitterion quinonoid	362 (2002) 527
Sayama, K., see Abe, R.	362 (2002) 441
Schanne-Klein, M.C., T. Boulesteix, F. Hache, M. Alexandre, G. Lemercier and C.	
Andraud, Strong chiroptical effects in surface second harmonic generation obtained	262 (2002) 102
for molecules exhibiting excitonic coupling chirality	362 (2002) 103
Schleifenbaum, F., see Blum, C.	362 (2002) 355
Shi, C., see Liu, B.	362 (2002) 296
Shiga, M., see Takayanagi, T.	362 (2002) 504
Simons, J., see Sawicka, A.	362 (2002) 527
Skowronek, P., see Sterzel, M.	362 (2002) 243
Skurski, P., see Sawicka, A.	362 (2002) 527
Sterzel, M., M. Pilch, M.T. Pawlikowski, P. Skowronek and J. Gawroński, The	
absorption and fluorescence study of 1,4,5,8-naphthalenetetracarboxy diimides in	
their low-energy $1^1B_{2u}$ and $1^1B_{3u}$ electronic states. The Franck-Condon analysis in	
terms of CASSCF method	362 (2002) 243
Štich, I., see Bokes, P.	362 (2002) 559
Stracke, F., see Blum, C.	362 (2002) 355
Subramaniam, V., see Blum, C.	362 (2002) 355
Sugiyama, M., S. Koda and A. Morita, Numerical analysis of gas-phase diffusion	
resistance in a droplet train apparatus	362 (2002) 56
Suits, A.G., see Gross, R.L.	362 (2002) 229
Sulowska, H., see Guzow, K.	362 (2002) 519
Sun, L., see Zhong, Z.	362 (2002) 135
Sun, Cc., see Liu, Jy.	362 (2002) 39
Szabelski, M., see Guzow, K.	362 (2002) 519
Takahashi, M., see Fujita, W.	362 (2002) 97
Takayanagi, T. and M. Shiga, Path integral molecular dynamics combined with	
discrete-variable-representation approach: the effect of solvation structures on	
vibrational spectra of Cl <sub>2</sub> in helium clusters	362 (2002) 504
Takeda, M., see Fujita, W.	362 (2002) 97
Tan, K.L., see Zhong, Z.	362 (2002) 135
Tanaka, S., S. Itoh and N. Kurita, Possibility of nonequilibrium isomerization of	302 (2002) 133
azobenzene triggered by vibrational excitations	362 (2002) 467
Tang, C., Y. Bando and T. Sato, Catalytic growth of boron nitride nanotubes	362 (2002) 185
Terskikh, A., see Blum, C.	362 (2002) 355
Thakkar, A.J., see Roy, A.K.	362 (2002) 428
	362 (2002) 428
Toulouse, J. and C. Adamo, A new hybrid functional including a meta-GGA approach	302 (2002) 12
Toumi, A., M. Bouanz and A. Gharbi, Coexistence curves of the binary mixture isobutyric acid water with added ions $(K^+, CL^-)$	362 (2002) 567
isobutyric acid-water with added ions (K <sup>+</sup> , Cl <sup>-</sup> )	362 (2002) 567

Tregenna-Piggott, P.L.W., see Dobe, C.	362 (2002) 387
Tsyganenko, A.A., see Otero Areán, C.	362 (2002) 109
Turnes Palomino, G., see Otero Areán, C.	362 (2002) 109
Tzeng, W.B., see Yang, S.C.	362 (2002) 19
Uchimaru, T., see Chandra, A.K.	362 (2002) 354
Underwood, J., D. Chastaing, S. Lee, P. Boothe, T.C. Flood and C. Wittig, The	
intriguing near-ultraviolet photochemistry of H <sub>2</sub> Te	362 (2002) 483
Vanitha, P.V., see Satishkumar, B.C.	362 (2002) 301
Varganov, S.A., P.V. Avramov, S.G. Ovchinnikov and M.S. Gordon, A study of the	
isomers of C <sub>36</sub> fullerene using single and multireference MP2 perturbation theory	362 (2002) 380
Varghese, G., see George, J.	362 (2002) 8
Vigliotti, F., L. Bonacina, M. Chergui, G. Rojas-Lorenzo and J. Rubayo-Soneira, Ultrafast expansion and vibrational coherences of electronic 'Bubbles' in solid	
neon	362 (2002) 31
Vijayalakshmi, S. and G.U. Kulkarni, Interaction between carbon disulfide and oxygen	302 (2002) 31
on a Ni(110) surface	362 (2002) 261
on a 141(110) surface	302 (2002) 201
Wada, A., see Kubota, J.	362 (2002) 476
Wan, HL., see Cai, SH.	362 (2002) 13
Wang, W., Y. Liu, C. Xu, C. Zheng and G. Wang, Synthesis of NiO nanorods by a	302 (2002) 13
novel simple precursor thermal decomposition approach	362 (2002) 119
Wang, G., see Wang, W.	362 (2002) 119
Wang, I., see Martineau, C.	362 (2002) 291
Wang, D. and D.L. Phillips, Density functional theory study of CS <sub>2</sub> /Cl adducts and	302 (2002) 271
their isomerization reactions	362 (2002) 205
Wang, S., see Huang, YH.	362 (2002) 114
Wang, Z., Z. Hou and H. Xin, Noise-enhanced energy transduction of molecular	302 (2002) 114
machinery	362 (2002) 51
Wei, J., see Zhang, X.	362 (2002) 285
Wei, Y., see Liu, B.	362 (2002) 296
Wei, B., see Zhang, X.	362 (2002) 285
Weihe, H., see Dobe, C.	362 (2002) 387
Wenzel, W., see Merlitz, H.	362 (2002) 271
Wiczk, W., see Guzow, K.	362 (2002) 519
Wilson, C.C. and C.A. Morrison, Structural and theoretical investigations of short	302 (2002) 313
hydrogen bonds: neutron diffraction and plane-wave DFT calculations of urea-	
phosphoric acid	362 (2002) 85
Wilson, C.C., Barrier heights to methyl group rotation in dimethylnaphthalenes	362 (2002) 249
Winkler, B., C. Pickard and V. Milman, Applicability of a quantum mechanical 'virtual	302 (2002) 217
crystal approximation' to study Al/Si-disorder	362 (2002) 266
Wittig, C., see Underwood, J.	362 (2002) 483
Wu, J., see Guo, Y.	362 (2002) 314
Wu, D., see Zhang, X.	362 (2002) 285
in any series of the series of	202 (2002) 203
Xin, H., see Wang, Z.	362 (2002) 51
Xu, C., see Wang, W.	362 (2002) 119
and the state of t	202 (2002) 117

V. C. see Then V	262 (2002) 165
Xu, G., see Zhan, X.	362 (2002) 165
Xu, C., see Zhang, X.	362 (2002) 285
Yamazaki, T., see Fujita, W.	362 (2002) 97
Yan, CH., see Huang, YH.	362 (2002) 114
Yanagita, H., Y. Abe and S. Nakabayashi, SBSL dynamics for bubbles modified by	()
surfactants	362 (2002) 79
Yang, X., M. Lin, W. Zou and B. Zhang, DFT study on the ground and the first	
excited states of gallium monohalides	362 (2002) 190
Yang, S.C., J.L. Lin and W.B. Tzeng, Mass analyzed threshold ionization spectroscopy	
of p-ethylaniline cation: alkyl chain effects on ionization and molecular vibration	362 (2002) 19
Yates Jr., J.T., see Zubkov, T.	362 (2002) 181
Ye, P., see Zhan, X.	362 (2002) 165
Yersin, H. and C. Kratzer, Energy harvesting in $\{\Lambda - [Ru(bpy)_3]\Delta - [Os(bpy)_3]\}(PF_6)_4$	
and tunability of emission properties under magnetic field application	362 (2002) 365
Yoshida, H., see Harada, T.	362 (2002) 453
Zaleśny, R., see Bartkowiak, W.	362 (2002) 224
Zelada, M., see Bosi, L.	362 (2002) 403
Zhan, X., Y. Liu, D. Zhu, X. Liu, G. Xu and P. Ye, Large third-order nonlinear optical	
response of conjugated copolymers consisting of fluorene and carbazole units	362 (2002) 165
Zhang, S. and D.G. Gorenstein, Design of Bloch-Siegert phase-shift self-compensated	
pulses for HCN triple-resonance experiments	362 (2002) 278
Zhang, X., A. Cao, B. Wei, Y. Li, J. Wei, C. Xu and D. Wu, Rapid growth of well-	262 (2002) 205
aligned carbon nanotube arrays	362 (2002) 285
Zhang, Y., see Guo, Y.	362 (2002) 314
Zhang, B., see Yang, X.	362 (2002) 190
Zhao, B., H. Lu, J. Jules and J.R. Lombardi, Absorption and Raman spectroscopy of	262 (2002) 00
mass-selected scandium tetramers in argon matrices	362 (2002) 90 362 (2002) 110
Zheng, C., see Wang, W. Zheng, Z. B. Liu, I. Sun, I. Ding, I. Lin and K. I. Tan, Dispersing and coating of	362 (2002) 119
Zhong, Z., B. Liu, L. Sun, J. Ding, J. Lin and K.L. Tan, Dispersing and coating of transition metals Co, Fe and Ni on carbon materials	362 (2002) 135
Zhou, J., B.R. Findley, T.M. Francis, E.A. Nytko and C.L. Braun, The solution	302 (2002) 133
dynamics of photoinduced geminate radical ion pairs: free ion formation	362 (2002) 63
Zhou, X. AM. Ren, JK. Feng, XJ. Liu, The studies on the two-photon absorption	302 (2002) 03
cross-sections and the second hyperpolarizabilities of multi-branched stilbene	
derivatives	362 (2002) 541
Zhu, D., see Zhan, X.	362 (2002) 165
Zhu, L. and J.W. Bozzelli, Thermodynamic properties of chloroacetylene, dichlor-	()
oacetylene, ethynyl radical, and chloroethynyl radical	362 (2002) 445
Zou, W., see Yang, X.	362 (2002) 190
Zubkov, T., G.A. Morgan Jr. and J.T. Yates Jr., Spectroscopic detection of CO	
dissociation on defect sites on Ru(109): implications for Fischer-Tropsch catalytic	
chemistry	362 (2002) 181